

Who is currently living with HIV/AIDS? Detailed data tables and technical notes

Technical notes:

These data represent only those individuals who tested positive for HIV, have sought medical care *and* have been reported to the HIV/AIDS Surveillance Program . Individuals who are unaware of their status, not in care, or not reported are not reflected.

The profile of people living with HIV/AIDS presented in “*Who is currently living with HIV/AIDS?*” can be used as an indicator of individuals who are utilizing and/or eligible for HIV services, and of individuals who are at risk for transmitting HIV infection to others. These data can be used to inform HIV care, treatment and support service planning as well as the planning of prevention programs for people living with HIV/AIDS.

Please note that previous editions of the Epidemiologic Profile presented people living with HIV/AIDS as of December 31 whereas this edition presents people living with HIV/AIDS as of November 1 due to the timing of this release. Future editions will continue to present people living with HIV/AIDS as of December 31.

Table 1. People living with HIV/AIDS on November 1, 2007 by gender, race/ethnicity, place of birth and health service region: Massachusetts

People Living with HIV/AIDS on 11/1/07		
Gender:	N	%
Male	12,029	71%
Female	4,837	29%
Race/Ethnicity:	N	%
White (non-Hispanic)	7,600	45%
Black (non-Hispanic)	4,707	28%
Hispanic	4,220	25%
Asian/Pacific Islander	215	1%
American Indian/Alaska Native	24	<1%
Other/Unknown	100	1%
Place of Birth:	N	%
US	11,576	69%
Puerto Rico/US Dependency ¹	2,023	12%
Non-US	3,267	19%
Health Service Region²:	N	%
Boston HSR	5,401	32%
Central HSR	1,506	9%
Metro West HSR	2,163	13%
Northeast HSR	2,436	14%
Southeast HSR	2,342	14%
Western HSR	2,025	12%
Prison ³	983	6%
TOTAL⁴	16,866	100%

¹ Ninety-six percent of people living with HIV/AIDS who were born in a US Dependency were born in Puerto Rico , <1% were born in the US Virgin Islands, and 3% were born in an unknown dependency.

² Reflects the health service region of a person's residence at the time of report (not necessarily current residence); See Epidemiologic Profile General Appendices, Health Service Region Maps, available at http://www.mass.gov/dph/aids/research/profile2005/app5_hrs_maps.pdf for configuration of health service regions.

³ HSRs are regions defined geographically to facilitate targeted health service planning. While prisons are not an HSR, the prison population is presented separately in this analysis because of its unique service planning needs. Prisons include persons who were diagnosed with HIV/AIDS while in a correctional facility.

⁴ Total includes 10 people living with HIV/AIDS with unknown HSR; Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding) , data as of 11/1/07

Table 2. People living with HIV/AIDS on November 1, 2007 by gender and race/ethnicity: Massachusetts

Race/Ethnicity:	Male		Female	
	N	%	N	%
White Non-Hispanic	6,209	52%	1,391	29%
Black Non-Hispanic	2,748	23%	1,959	41%
Hispanic	2,835	24%	1,385	29%
Asian/Pacific Islander	166	1%	49	1%
Other/Unknown	71	1%	53	1%
Total	12,029	100%	4,837	100%

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding) , data as of 11/1/07

Table 3. People living with HIV/AIDS on November 1, 2007 by race/ethnicity and place of birth: Massachusetts

Race/Ethnicity:	US		Puerto Rico/ US Dependency ¹		Non-US		Total
	N	%	N	%	N	%	N
White NH	7,197	95%	25	<1%	378	5%	7,600
Black NH	2,797	59%	20	<1%	1,890	40%	4,707
Hispanic	1,436	34%	1,978	47%	806	19%	4,220
API	49	23%	0	0%	166	77%	215
Other/Unknown	97	78%	0	0%	27	22%	124

¹ Ninety-six percent of people living with HIV/AIDS who were born in a US Dependency were born in Puerto Rico , <1% were born in the US Virgin Islands, and 3% were born in an unknown dependency.
 NH= Non-Hispanic, API=Asian/Pacific Islander
 Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding) , data as of 11/1/07

Table 4. People living with HIV/AIDS on November 1, 2007 by gender and place of birth: Massachusetts

Place of Birth:	Male		Female	
	N	%	N	%
United States (US)	8,717	72%	2,859	59%
Puerto Rico/US Dependency ¹	1,382	11%	641	13%
Non-US	1,930	16%	1,337	28%
Total	12,029	100%	4,837	100%

¹ Ninety-six percent of people living with HIV/AIDS who were born in a US Dependency were born in Puerto Rico, <1% were born in the US Virgin Islands, and 3% were born in an unknown dependency.
 Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding) , data as of 11/1/07

Table 5. People living with HIV/AIDS on November 1, 2007 by current age and gender: Massachusetts

Age in years	Male		Female		State Total	
	N	%	N	%	N	%
Under 13	36	<1%	34	1%	70	<1%
13 to 19	95	1%	96	2%	191	1%
20 to 24	120	1%	82	2%	202	1%
25 to 29	323	3%	242	5%	565	3%
30 to 34	639	5%	450	9%	1,089	6%
35 to 39	1,476	12%	748	15%	2,224	13%
40 to 44	2,624	22%	1,039	21%	3,663	22%
45 to 49	2,768	23%	943	19%	3,711	22%
50+	3,948	33%	1,203	25%	5,151	31%
Total	12,029	100%	4,837	100%	16,866	100%

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding) , data as of 11/1/07

**Table 6. People living with HIV/AIDS by exposure mode :
Massachusetts**

People Living with HIV/AIDS on 11/1/07		
Exposure Mode:	N	%
Male-to-male sex (MSM)	5,731	34%
Injection Drug Use (IDU)	4,252	25%
MSM/IDU	536	3%
Receipt of Blood/Blood products	120	1%
Pediatric	296	2%
Total Heterosexual Sex (HTSX)	2,245	13%
• HTSX w/ an Injection Drug User	931	6%
• HTSX w/ Bisexual male	39	<1%
• HTSX w/ Blood/Blood products ¹	1,249	7%
• HTSX w/ a person w/ HIV or AIDS	26	<1%
Total Undetermined/Other	3,686	22%
• Presumed Heterosexual Sex ²	2,628	16%
• Undetermined/Other ³	1,058	6%
TOTAL	16,866	100%

¹ Heterosexual sex with a person who received blood/blood products
² Heterosexual sex with a partner of unknown HIV status or risk
³ Includes those still being followed up for risk information, those who have died with no determined risk, those lost to fol low-up, and those with confirmed occupational exposure
 Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding) , data as of 11/1/07

Note: The category of “presumed heterosexual sex” is used in Massachusetts to re-assign people who are reported with no identified risk but who are known to have not reported any other risks except heterosexual sex with a partner of unknown HIV status or risk. Massachusetts uses this category to distinguish these cases from other undetermined cases about which we know less. Nationally, the Centers for Disease Control and Prevention categorizes “presumed heterosexual sex” cases as “no identified risk” (NIR). As such, comparisons of the presumed heterosexual category cannot be made to national data. Caution should be used in interpreting data for presumed heterosexual, as it is still not clear what the exposure risk is for people in this category. Although a person may not report other risk behaviors such as injection drug use or male-to-male sex to his/her health care provider, it does not necessarily mean that he/she has not engaged in them. There are many barriers to disclosing HIV risk behaviors in the health care setting such as a limited patient-provider relationship or stigma.

Table 7. People living with HIV/AIDS on November 1, 2007 by gender and exposure mode: Massachusetts

Exposure Mode:	Male		Female	
	N	%	N	%
Male-to-male sex (MSM)	5,731	48%	N/A	N/A
Injection drug use (IDU)	2,886	24%	1,366	28%
MSM/IDU	536	4%	N/A	N/A
Heterosexual sex	682	6%	1,563	32%
Other	236	2%	183	4%
Total Undetermined	1,958	16%	1,725	36%
• Presumed heterosexual sex ¹	1,249	10%	1,379	29%
• Undetermined ²	709	6%	346	7%
Total	12,029	100%	4,837	100%

¹ Heterosexual sex with partners with unknown risk and HIV status² Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and those with confirmed occupational exposure; N/A=Not Applicable

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding) , data as of 11/1/07

Table 8. People living with HIV/AIDS on November 1, 2007 by race/ethnicity¹ and exposure mode: Massachusetts

Exposure Mode:	White NH		Black NH		Hispanic		API	
	N	%	N	%	N	%	N	%
MSM	4,213	55%	683	15%	717	17%	81	38%
IDU	1,582	21%	1,006	21%	1,636	39%	10	5%
MSM/IDU	317	4%	102	2%	114	3%	1	<1%
HTSX	534	7%	833	18%	828	20%	30	14%
Other	144	2%	144	3%	125	3%	6	3%
Total Undetermined	810	11%	1,939	41%	800	19%	87	40%
• Pres. HTSX ²	497	7%	1,489	32%	567	13%	53	25%
• Undetermined ³	313	4%	450	10%	233	6%	34	16%
Total	7,600	100%	4,707	100%	4,220	100%	215	100%

¹ Data for American Indian/Alaska Native and Other/Unknown race/ethnicity are not presented due to small numbers² Heterosexual sex with partners with unknown risk and HIV status³ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up, and those with confirmed occupational exposure

NH = Non-Hispanic, API = Asian/Pacific Islander, MSM = Male-to-Male Sex; IDU = Injection Drug Use; MSM/IDU = Male-to-Male Sex and Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding) , data as of 11/1/07

Table 9. Males living with HIV/AIDS on November 1, 2007 by race/ethnicity¹ and exposure mode: Massachusetts

Exposure Mode:	White NH		Black NH		Hispanic		API	
	N	%	N	%	N	%	N	%
MSM	4,213	68%	683	25%	717	25%	81	49%
IDU	918	15%	691	25%	1,260	44%	8	5%
MSM/IDU	317	5%	102	4%	114	4%	1	1%
HTSX	146	2%	285	10%	236	8%	11	7%
Other	92	1%	75	3%	67	2%	2	1%
Total Undetermined	523	8%	912	33%	441	16%	63	38%
• Pres. HTSX ²	278	4%	640	23%	287	10%	38	23%
• Undetermined ³	245	4%	272	10%	154	5%	25	15%
Total	6,209	100%	2,748	100%	2,835	100%	166	100%

¹ Data for American Indian/Alaska Native and Other/Unknown race/ethnicity are not presented due to small numbers

² Heterosexual sex with partners with unknown risk and HIV status

³ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up, and those with confirmed occupational exposure

NH = Non-Hispanic, API = Asian/Pacific Islander, MSM = Male-to-Male Sex; IDU = Injection Drug Use; MSM/IDU = Male-to-Male Sex and Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 11/1/07

Table 10. Females living with HIV/AIDS on November 1, 2007 by race/ethnicity¹ and exposure mode: Massachusetts

Exposure Mode:	White NH		Black NH		Hispanic		API	
	N	%	N	%	N	%	N	%
IDU	664	48%	315	16%	376	27%	2	4%
HTSX	388	28%	548	28%	592	43%	19	39%
Other	52	4%	69	4%	58	4%	4	8%
Total Undetermined	287	21%	1,027	52%	359	26%	24	49%
• Pres. HTSX ³	219	16%	849	43%	280	20%	15	31%
• Undetermined ⁴	68	5%	178	9%	79	6%	9	18%
Total	1,391	100%	1,959	100%	1,385	100%	49	100%

¹ Data for American Indian/Alaska Native and Other/Unknown race/ethnicity are not presented due to small numbers

² Percentages calculated from a numerator of less than 5 and a denominator of less than 100 are not presented

³ Heterosexual sex with partners with unknown risk and HIV status

⁴ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up, and those with confirmed occupational exposure

NH = Non-Hispanic, API = Asian/Pacific Islander, IDU = Injection Drug Use, HTSX = Heterosexual Sex, Pres. HTSX = Presumed Heterosexual Sex

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 11/1/07

Table 11. People living with HIV/AIDS on November 1, 2007 by Health Service Region (HSR)¹ and gender: Massachusetts

Health Service Region	Male		Female		Total
	N	%	N	%	N
Boston HSR	4,142	77%	1,259	23%	5,401
Central HSR	929	62%	577	38%	1,506
Metro West HSR	1,548	72%	615	28%	2,163
Northeast HSR	1,643	67%	793	33%	2,436
Southeast HSR	1,662	71%	680	29%	2,342
Western HSR	1,255	62%	770	38%	2,025
Prison ²	844	86%	139	14%	983
MA Total³	12,029	71%	4,837	29%	16,866

¹ Reflects the health service region of a person's residence at the time of report (not necessarily current residence); See Epidemiologic Profile General Appendices, Health Service Region Maps, available at

http://www.mass.gov/dph/aids/research/profile2005/app5_hrs_maps.pdf for configuration of health service regions

² HSRs are regions defined geographically to facilitate targeted health service planning. While prisons do not constitute an HSR, the prison population is presented separately in this analysis because of its unique service planning needs. Prisons include only persons who were diagnosed with HIV/AIDS while in a correctional facility

³ MA Total includes 10 people living with HIV/AIDS with unknown residence at time of report

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 11/1/07

Table 12. Percentage distribution of people living with HIV/AIDS on November 1, 2007 by Health Service Region (HSR)¹ and race/ethnicity: Massachusetts

HSR	White NH	Black NH	Hispanic	API	AI/AN	Total
Boston HSR	42%	38%	18%	1%	<1%	5,401
Central HSR	44%	21%	33%	1%	<1%	1,506
Metro West HSR	53%	33%	11%	2%	0%	2,163
Northeast HSR	47%	20%	29%	3%	<1%	2,436
Southeast HSR	64%	20%	14%	1%	<1%	2,342
Western HSR	29%	19%	50%	<1%	<1%	2,025
Prison ²	29%	29%	41%	<1%	<1%	983

¹ Reflects the health service region of a person's residence at the time of report (not necessarily current residence); See

Epidemiologic Profile General Appendices, Health Service Region Maps, available at

http://www.mass.gov/dph/aids/research/profile2005/app5_hrs_maps.pdf for configuration of health service regions

² HSRs are regions defined geographically to facilitate targeted health service planning. While prisons do not constitute an HSR, the prison population is presented separately in this analysis because of its unique service planning needs. Prisons include only persons who were diagnosed with HIV/AIDS while in a correctional facility

API = Asian/Pacific Islander, AI/AN = American Indian/Alaska Native, NH = Non-Hispanic; Data Source: MDPH HIV/AIDS Surveillance Program, data as of 11/1/07

Table 13. Percentage distribution of people living with HIV/AIDS on November 1, 2007 by Health Service Region (HSR)¹ and exposure mode: Massachusetts

HSR	MSM	IDU	MSM/ IDU	HTSX	Other	Pres. HTSX ²	Unde- ter- mined ³	Total
Boston HSR	46%	17%	3%	11%	2%	15%	6%	5,401
Central HSR	21%	34%	3%	18%	4%	17%	4%	1,506
Metro West HSR	38%	15%	3%	11%	3%	21%	9%	2,163
Northeast HSR	30%	22%	3%	15%	3%	19%	8%	2,436
Southeast HSR	37%	26%	3%	15%	3%	11%	6%	2,342
Western HSR	21%	33%	3%	19%	3%	15%	6%	2,025
Prison ⁴	6%	72%	5%	6%	<1%	9%	3%	983

¹ Reflects the health service region of a person's residence at the time of report (not necessarily current residence) ; See Epidemiologic Profile General Appendices, Health Service Region Maps, available at http://www.mass.gov/dph/aids/research/profile2005/app5_hrs_maps.pdf for configuration of health service regions

² Heterosexual sex with partners with unknown risk and HIV status

³ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up, and those with confirmed occupational exposure

⁴ HSRs are regions defined geographically to facilitate targeted health service planning. While prisons do not constitute an HSR, the prison population is presented separately in this analysis because of its unique service planning needs. Prisons include only persons who were diagnosed with HIV/AIDS while in a correctional facility ;

MSM = Male-to-Male Sex; IDU = Injection Drug Use; MSM/IDU = Male-to-Male Sex and Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 11/1/07